



PROJECT NUMBER

323666.03.17.07

BORING ID:

17C096

Sheet 1 of 1

SOIL BORING LOG

PROJECT: Beale AFB-Site 17 PRB, Phase 1 Drilling

LOCATION:

ELEVATION: 149.07

NORTHING: 2162278.70

EASTING: 6743654.04

DRILLING CONTRACTOR: Resonant Sonic International, Woodland, CA

DRILLING METHOD AND EQUIPMENT USED: Power Probe 9630 Direct Push

WATER LEVELS: 8.0 ft bgs

START: 8/17/2005 12:15:00 PM

END:

LOGGER: B. Moayyad

DEPTH BGS (ft)				STANDARD PENETRATION TEST RESULTS	CORE DESCRIPTION:	COMMENTS:
INTERVAL (ft)					SOIL NAME (USCS GROUP SYMBOL), COLOR, MOISTURE CONTENT, RELATIVE DENSITY, OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION.
		RECOVERY	TYPE-#			
		SS-Split Spoon ST-Shelby Tube		6-6-6 (in) (N)		
0	0-2	2.8/ 4.0'			SM - SILTY SAND (SM), brown (7.5YR 4/4), moist, loose, ~15% fines	
1					-	
2	2-7				SP - POORLY GRADED SAND WITH SILT (SP), brown (7.5YR 4/4),	PID = 0.0
3					- moist, loose, 2-7% silty fines	
4		2.0/ 4.0'			-	
5					-	
6					-	
7	7-9				GW - WELL GRADED GRAVEL WITH SAND AND SILT (GW), brown (7.5YR	
8		0.1/ 1.5'			- 5/2), dry, dense	
9	9-10				SM - SILTY SAND (SM), brown, moist, dense	
10	10-14.5	2.2/ 2.5'			-	PID = 0.0 (soil and air)
11					SWGW - WELL GRADED SAND AND GRAVEL (SW+GW), brown, saturated,	
12		3.0/ 4.0'			- medium density, ~40-50% fine and coarse sand, ~40-50% fine	
13					- to medium gravel, ~5% brown silty fines	
14					-	
15	14.5-16				GC - CLAYEY GRAVEL (GC), gray, wet, dense, sticky	
16	16-17	3.0/ 4.0'			GC - Decomposed, dry, friable, granite cobble	
17	17-20				ML - SILT (ML), very pale brown (10YR 7/4), dry, stiff	
18	18-20				ML - Becomes gravelly, moist and gray 18-20 ft	
19					-	
20					ML - 2" core barrel refusal at 20 ft. 1" hydropunch core refusal	No water recovered from hydropunch
21					- at 29 ft.	
					-	